

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	13377	(adjust\$3 chang\$3 correct\$3 modif\$4 alter\$3 increas\$3 decreas\$3 lower\$3) with (duty near3 ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:41
L6	87834	"345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:12
L7	430366	(motion movement moving) near5 (detect\$3 determin\$3 determination sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:13
L8	0	15 and (16 same 17) and (el electroluminescen\$3 electro-luminescen\$3 led oled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:42
L9	0	15 and (16 same 17)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:40
L11	71695	(adjust\$3 chang\$3 correct\$3 modif\$4 alter\$3 increas\$3 decreas\$3 lower\$3) with ((duty near3 ratio) ((time period duration span) near5 (illuminat\$3 light)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:41
L12	30	16 and (17 same 111) and (el electroluminescen\$3 electro-luminescen\$3 led oled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:43
S1	2	("20050062691").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/31 13:45
S2	3361	(345/76,77,214,690).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:28
S3	2	("6791527").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 10:41
S4	66193	((el led oled electroluminescen\$3 electro-luminescen\$3 "light emitting element" "light emitting elements") AND display).AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 10:54

## EAST Search History

S5	406771	(motion movement moving) NEAR5 (detect\$3 determin\$3 determination sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 09:44
S6	5169	(color ADJ balance) NEAR5 (adjustment adjust\$3 correct\$4 improv\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 10:49
S7	36874	duty NEAR5 (adjustment adjust\$3 correct\$4 improv\$5 modif\$4 chang\$3 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 09:44
S8	993174	(level brightness intensity luminance) NEAR5 (adjustment adjust\$3 correct\$4 improv\$5 modif\$4 chang\$3 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 09:44
S9	3669	(345/76,77,214,690).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 09:43
S10	0	S9 and S4 and S5 and S6 and S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 10:54
S11	0	S4 and S5 and S6 and S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 10:53
S12	282200	(el led oled electroluminescen\$3 electro-luminescen\$3 "light emitting element" "light emitting elements").AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 09:44
S13	1	S9 and S12 and S5 and S6 and S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 11:06
S14	2	S9 and S5 and S6 and S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 11:05
S15	1	S12 and S5 and S6 and S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 11:05
S16	38	(S9 S12) and S5 and S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 11:06

## EAST Search History

S17	3677	(345/76,77,214,690).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 09:44
S18	132696	(el led oled electroluminescen\$3 electro-luminescen\$3 "light emitting element" "light emitting elements") WITH display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 11:16
S19	406978	(motion movement moving) NEAR5 (detect\$3 determin\$3 determination sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:13
S20	36909	duty NEAR5 (adjustment adjust\$3 correct\$4 improv\$5 modif\$4 chang\$3 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 09:44
S21	993797	(level brightness intensity luminance) NEAR5 (adjustment adjust\$3 correct\$4 improv\$5 modif\$4 chang\$3 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:51
S22	2	S17 and S18 and (S19 same S20 same S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 09:50
S23	12	S17 and S18 and (S19 same S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 10:32
S24	293	S18 and (S19 same S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 10:35
S25	4	S18 and (S19 same S20 same S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 10:36
S26	81432	("345").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 10:36
S27	146	S18 and S19 and S20 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 10:44
S28	36	S26 and S18 and S19 and S20 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 10:37

## EAST Search History

S29	6	S18 and (S19 same S20) and (S19 same S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 10:46
S30	2	S17 and (S19 same S20) and (S19 same S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 10:46
S31	293	S18 and (S19 same S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 11:10
S32	3	2002-215094	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 11:10
S33	51401	(el electroluminescen\$3 electro-luminescen\$3) NEAR5 display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 11:19
S34	1517182	(level brightness intensity luminance voltage magnitude) NEAR5 (adjustment adjust\$3 correct\$4 improv\$5 modif\$4 chang\$3 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:34
S35	402184	dac d/a (digital NEAR2 analog)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:11
S36	86124	s/h (sampl\$3 NEAR2 hold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:11
S37	245	S33 and S34 and S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 11:32
S38	2	S33 and S34 and S35 and S36 and S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 11:22
S39	565625	dac d/a (digital NEAR2 analog) da	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:11
S40	679310	s/h (sampl\$3 NEAR2 hold\$3) latch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:11

## EAST Search History

S41	68	S33 and (S34 same S39 same S40)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:36
S42	7	S33.AB. and (S34 same S39 same S40)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:17
S43	4	((("6278423") or ("6417825"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 12:17
S44	1536344	(level brightness intensity luminance voltage magnitude gamma) NEAR5 (adjustment adjust\$3 correct\$4 improv\$5 modif\$4 chang\$3 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:34
S45	427	S33 and (S44 with S39)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:49
S46	238	S33 and (S44 with S39) and (rgb (r and g and b))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/09 12:49
S47	2	("6774578").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:09
S48	87833	"345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:47
S49	14484	(adjust\$3 chang\$3 correct\$3 modif\$4 alter\$3 increas\$3 decreas\$3 lower\$3) with (potential voltage) with (dac d/a d-to-a (digital near2 analog))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:10
S50	326331	(brightness intensity luminance) NEAR5 (adjust\$3 chang\$3 correct\$3 modif\$4 alter\$3 improv\$3 increas\$3 decreas\$3 lower\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:52
S51	785120	(detect\$3 determin\$3 sens\$3) near10 (motion mov\$3 movement dynamic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 12:52
S52	0	S48 and (S49 same S50 same S51)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 12:54

## EAST Search History

S53	53	S48 and S49 and S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:06
S54	6	S48 and (S49 same S50) and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:06
S55	4816	(adjust\$3 chang\$3 correct\$3 modif\$4 alter\$3 increas\$3 decreas\$3 lower\$3) with ((reference ref input) near5 (potential voltage)) with (dac d/a d-to-a (digital near2 analog))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:11
S56	35	S48 and (S55 same S50)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 14:43
S57	2	S48 and (S55 same S50) and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:17
S58	4	"2002221940"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:27
S59	45	((AOKI near TORU) (NAITO near KEIJIRO)) and d/a	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:20
S60	8	((("20020097236") or ("20020033783") or ("6583775") or ("20030142118"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/30 13:28
S61	87833	"345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 14:43
S62	326331	(brightness intensity luminance) NEAR5 (adjust\$3 chang\$3 correct\$3 modif\$4 alter\$3 improv\$3 increas\$3 decreas\$3 lower\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 14:43
S63	4816	(adjust\$3 chang\$3 correct\$3 modif\$4 alter\$3 increas\$3 decreas\$3 lower\$3) with ((reference ref input) near5 (potential voltage)) with (dac d/a d-to-a (digital near2 analog))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:12
S64	35	S61 and (S63 same S62)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 13:53

## EAST Search History

S65	87834	"345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:12
S66	326598	(brightness intensity luminance) NEAR5 (adjust\$3 chang\$3 correct\$3 modif\$4 alter\$3 improv\$3 increas\$3 decreas\$3 lower\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 13:53
S67	4818	(adjust\$3 chang\$3 correct\$3 modif\$4 alter\$3 increas\$3 decreas\$3 lower\$3) with ((reference ref input) near5 (potential voltage)) with (dac d/a d-to-a (digital near2 analog))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 13:53
S68	35	S65 and (S67 same S66)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 15:57
S69	6	((("5990629") or ("20020171663") or ("20020030651"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/02 14:25
S70	3	("2002052143").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/02 14:43
S71	3	"2002052143"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 14:43
S72	2	2002-052143	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 14:44
S73	1	2003-255900	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 14:44
S74	3	"2003255900"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 14:44
S75	2	("6501230").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/02 15:15
S76	2	("20020060657").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/02 15:15

## EAST Search History

S77	142	S65 and S67 and (el electroluminescen\$3 electro-luminescen\$3 led oled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 15:58
S78	80	S65 and S66 and S67 and (el electroluminescen\$3 electro-luminescen\$3 led oled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 22:13